

OCTAGON PROCESS INC. -- O-S-801C,CLASS 3;SULFURIC ACID,ELECTR GRADE --  
6810-00-988-8924

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Product Identification  
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Product ID:O-S-801C,CLASS 3;SULFURIC ACID,ELECTR GRADE

MSDS Date:09/21/1984

FSC:6810

NIIN:00-988-8924

MSDS Number: BGBZN

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Info Phone Num:201-945-9400

Emerg

ency Phone Num:201-945-9400

Preparer's Name:IRIS CHARMS

CAGE:82925

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

Company Name:PRIORITY CHEMICAL CO

Address:200 MADISON AVE SUITE 1904

Box:City:NEW YORK

State:NY

ZIP:10016

Country:US

Phone:201-345-0991

CAGE:49859

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Composition/Information on Ingredients  
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Ingred Name:SULFURIC ACID (SARA III)

CAS:766

4-93-9  
RTECS #:WS5600000  
Fraction by Wt: 36.9%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: BALANCE

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:SKIN AND EYES: SEVERE BURNS. INHALATION:  
PULMONARY EDEMA, INJURY TO LUNGS. INGESTION: GA  
STROINTESTINAL TRACT  
DAMAGE OR DEATH.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.  
SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH MILD SOAP AND WATER.  
INHALATION: GET FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. INGESTION:  
DRINK LA RGE AMOUNTS OF WATER, MILK, OR MILK OF MAGNESIA IF  
CONSCIOUS. NOTHING BY MOUTH IF UNCONSCIOU  
S. DO NOT INDUCE VOMITING.  
GET IMMEDIATE MEDICAL ATTENTION IN ALL CASES.

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===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY.  
Fire Fighting Procedures:KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER  
SPRAY. DO NOT PERMIT WATER TO CONTACT ACID.  
Unusual Fire/Explosion Hazard:MAY CAUSE FIRE WHEN IN CONTACT WITH OTHER  
ORGANIC MATERIALS. WILL ATTACK SOME METALS RELEASING HYDROGEN GAS.

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===== Accidental Release Measures =====

Spill Release Procedures:ZONE OFF CONTAMINATED AREA. NEUTRALIZE TO PH OF 6 TO 8 WITH SODA ASH. FLUSH AREA UPWIND SIDE WITH WATER FROM SAFE DISTANCE TO SEWER. WEAR PROTECTIVE CLOTHING.

Neutralizing Agent:SODA ASH

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM HEAT, OPEN FLAMES, AND OXIDIZING MATERIALS.

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KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. ALWAYS USE PERSONAL PROTECTION. WASH THOROUGHLY AFTER EACH USE. DO NOT BREATHE ACID MIST. DO NOT USE CONTAMINATED CLOTHES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACID MIST OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL EXHAUST TO MAINTAIN BELOW TLV.

Protective Gloves:NEOPRENE

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE WASH STATION

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USE. DO NOT SMOKE, DRINK, OR EAT WHILE HANDLING MATERIAL.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.28

Evaporation Rate & Reference:< 1.0 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:OFF WHITE TO STRAW COLORED LIQUID. PRACTICALLY ODORLESS.

Percent Volatiles by Volume:57

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS, SALTS OF OTHER ACIDS, HYDRATED MATERIALS, COMBUSTIBLES, AND ORGANIC MATERIALS

Stability Condition to Avoid:EXTREME HEAT, MOISTURE

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE, HYDROGEN GAS

===== Disposal Considerations =====

Waste Di

Disposal Methods: DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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